# TEST REPORT OF AGGEGRATE STRIPPING VALUE OF ROAD AGGRGATE (IS:6241)

| | | |
|---|---|---|
| **Lab ID** | : | **CP-RW-2017-09-11-01** **Date: 14-09-17** |
| **Customer** | : | Assistant Executive Engineer, T. Dasarahalli Sub Division, BBMP, Bangalore. |
| **Address** | : | T. Dasarahalli Sub Division, BBMP, Bangalore. |
| **Project Name** | : | Improvements to roads at Sheshadri Layout and Connection road to Ganapathi Badavane road in Ward no.14 |
| **Agency** | : | Technical Manager (West), KRIDL, Project Implementation Unit, No.280, 59th Cross, 17th 'C' Main road, 3rd 'Y' Block, Rajajinagar, Bangalore-10 |
| **Customer Reference** | : | BBMP/EE/DD/WO/037/2017-18 |
| **Source of Sample** | : | Sample supplied by Agency |
| **Sample Condition** | : | Satisfactory |
| **Date of Receipt** | : | 11-09-17 |
| **Sample ID No** | : | 2017-09-11-01/01 |
| **Type of Mix** | : | BM(Bitumnous Macadam) |
| **Date of test** | : | 11-09-17 |

| | | |
|---|---|---|
| **Type of Binder** | : | 60/70 |
| **% of Binder Used** | : | 5.0% |
| **Weight of Aggregate** | : | 200.0 gm |
| **Weight of Binder** | : | 10.0 gm |
| **Temperature of water bath** | : | 40°C |

| No of test | Retained Stripping Percentage | Stripping Percentage | Average Retained Stripping Percentage | Secified limits as per MORTH specification table 500-6 |
|---|---|---|---|---|
| 1 | 98.0 | 2.0 | 98.0 | Minimum Retained Coating 95% |
| 2 | 98.5 | 1.5 | | |
| 3 | 97.5 | 2.5 | | |

**Note:**
The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 30 days from the date of issue of test certificate

**Prepared by**
Harshitha

CIVIL Pro Sig..... Date..... BANGALORE

**FOR CIVIL Pro.**

**R KARTHIK RECHAN**
Authorized Signatory
**Quality Manager**

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಟಿ.ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ ವಿಧಾನಸಭೆ
ಬೆಂಗಳೂರು


****End of Report****

# TEST REPORT OF AGGEGRATE STRIPPING VALUE OF ROAD AGGRGATE (IS:6241)

| | | |
|---|---|---|
| **Lab ID** | : | **CP-RW-2017-09-14-01** **Date: 17-09-17** |
| **Customer** | : | Assistant Executive Engineer, T. Dasarahalli Sub Division, BBMP, Bangalore. |
| **Address** | : | T. Dasarahalli Sub Division, BBMP, Bangalore. |
| **Project Name** | : | Improvements to roads at Sheshadri Layout and Connection road to Ganapathi Badavane road in Ward no.14 |
| **Agency** | : | Technical Manager (West), KRIDL, Project Implementation Unit, No.280, 59th Cross, 17th 'C' Main road, 3rd 'Y' Block, Rajajinagar, |
| **Customer Reference** | : | BBMP/EE/DD/WO/037/2017-18 |
| **Source of Sample** | : | Sample supplied by Agency |
| **Sample Condition** | : | Satisfactory |
| **Date of Receipt** | : | 14-09-17 |
| **Sample ID No** | : | 2017-09-14-01/01 |
| **Type of Mix** | : | BC(Bitumenous Concrete) |
| **Date of test** | : | 14-09-17 |

| | | |
|---|---|---|
| **Type of Binder** | : | 60/70 |
| **% of Binder Used** | : | 5.0% |
| **Weight of Aggregate** | : | 200.0 gm |
| **Weight of Binder** | : | 10.0 gm |
| **Temperature of water bath** | : | 40°C |

| No of test | Retained Stripping Percentage | Stripping Percentage | Average Retained Stripping Percentage | Secified limits as per MORTH specification table 500-8 |
|---|---|---|---|---|
| 1 | 98.5 | 1.5 | 98.3 | Minimum Retained Coating 95% |
| 2 | 98.5 | 1.5 | | |
| 3 | 98.0 | 2.0 | | |

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**R KARTHIK RECHAN**
Authorized Signatory
**Quality Manager**


****End of Report****

# TESTS RESULTS ON STABILITY OF MIX

| | | |
|---|---|---|
| **Lab ID** | : | **CP-RW-2017-09-14-01** **Date: 17-09-17** |
| **Customer** | : | Assistant Executive Engineer, T. Dasarahalli Sub Division, BBMP, Bangalore. |
| **Address** | : | T. Dasarahalli Sub Division, BBMP, Bangalore. |
| **Project Name** | : | Improvements to roads at Sheshadri Layout and Connection road to Ganapathi Badavane road in Ward no.14 |
| **Agency** | : | Technical Manager (West), KRIDL, Project Implementation Unit, No.280, 59th Cross, 17th 'C' Main road, 3rd 'Y' Block, Rajajinagar, |
| **Customer Reference** | : | BBMP/EE/DD/WO/037/2017-18 |
| **Source of Sample** | : | Hot Mix Plant, Bangalore |
| **Sample Condition** | : | Satisfactory |
| **Date of Receipt** | : | 14-09-17 |
| **Sample ID No** | : | 2017-09-14-01/01 |
| **Type of Mix** | : | BC (Bituminous Concrete) |
| **Date of test** | : | 14-09-17 |

**The results of the tests conducted on the Bituminous Concrete mix sample are as follow**

| Sl.No | Particulars of observations | TEST 1 | TEST 2 | Secified limits as per MORTH specification table 500-11 |
|---|---|---|---|---|
| 1 | Marshal Stability at 60°C, KN | 11.09 | 11.12 | 10KN(min) |
| 2 | Marshal flow at 60°C, mm | 3.6 | 3.62 | 2-4 |
| 3 | Percent air Voids | 4.75 | 4.79 | 3-5 |
| 4 | Percent Voids in mineral Aggregate(VMA %) | 14.17 | 14.25 | 13-15 |
| 5 | Percent Voids filled with Bitumen(VFB %) | 71.13 | 70.69 | 65-75 |
| 6 | Density, g/cc | 2.25 | 2.26 | – |

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**Prepared By:**
Harshitha

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**Quality Manager**


*End of Report*